



Sheet 1 of 7

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
3051-67789SERIAL No.
09/836,567

INFORMATION DISCLOSURE STATEMENT

APPLICANT
Jason Scott Sawyer, et al.FILING DATE
April 17, 2001GROUP
1614

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Q	AA	5,324,743	Jun. 28, 1994	Dillard et al.	514	456	
Q	AB	5,387,685	Feb. 7, 1995	Powell et al.	546	143	
Q	AC	5,302,727	Apr. 12, 1994	Eliason et al.	549	22	
Q	AD	5,216,172	June 1, 1993	Toyota et al.	546	321	
Q	AE	5,216,024	June 1, 1993	Markaverich et al.	514	543	
Q	AF	5,543,428	Aug. 6, 1996	Sawyer, et al.	514	456	
Q	AG	5,462,954	Oct. 31, 1995	Baker, et al.	514	381	
Q	AH	4,889,871	Dec. 26, 1989	Djuric, et al.	514	456	
Q	AI	4,211,791	July 8, 1980	Buckle, et al.	424	304	
Q	AJ	4,200,577	April 29, 1980	Buckle, et al.	424	281	
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
Q	AL	0 652 004 A1	May 11, 1995	EP	III		
Q	AM	0 544 488 A2	June 2, 1993	EP	III		
Q	AN	0 292 977 A1	Nov. 30, 1988	EP	III		
Q	AO	0 596 725 A2	May 11, 1994	EP	III		
Q	AP	WO 94/24107	Oct. 27, 1994	PCT	III		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	AR	Fukushima, Okuyama and Miyamoto, "Preparation of (acylamino)benzoic acid derivatives as reverse transcriptase inhibitors", <i>Chemical Abstracts</i> , March 4, 1991, Vol. 114(9), Abstract No. 81260g, p. 677.
Q	AS	Wennogle, Halyna and Jeng, "Profiling of Inhibitors of Protein Kinase C", <i>Advances in Enzyme Regulation</i> , 1988, Vol. 27, pp. 287-293.
Q	AT	Villani-Price, Yang, Walsh, Fretland, Keith, Kocan, Kachur, Gaginella and Tsai, "Multiple Actions of the Leukotriene B ₄ Receptor Antagonist SC-41930", <i>The Journal of Pharmacology and Experimental Therapeutics</i> , January 1992, Vol. 260(1), pp. 187-191

Examiner

Date Considered

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	BL	WO 94/06938	Mar. 31, 1994	PCT			
	BM	WO 93/16044	Aug. 19, 1993	PCT			
	BN	WO 93/15733	Aug. 19, 1993	PCT			
	BO	25 20 177	Nov. 27, 1975	Germany	C 07	C 43-20	No
	BP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	BR	Mori, Izumi and Shimizu, "Energy-dependent export of leukotriene B ₄ in <i>Xenopus</i> oocytes", <i>Biochimica et Biophysica Acta</i> , 1993 , Vol. 1168(1), pp. 23-29.
	BS	Kemeny and Ruzicka, "SC-41930, a leukotriene B ₄ receptor antagonist, inhibits 12(S)-hydroxyeicosatetraenoic acid (12(S)-HETE) binding to epidermal cells", <i>Agents and Actions</i> , March 1991 , Vol 32(3/4), pp. 339-342.
	BT	Leier, Jedlitschky, Buchholz and Keppler, "Characterization of the ATP-dependent leukotriene C ₄ export carrier in mastocytoma cells", <i>Eur. J. Biochem</i> , 1994 , Vol. 220 (2), pp. 599-606.

Examiner

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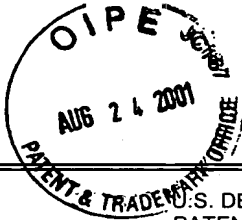
Q	CR	Schaub, Ishikawa and Keppler, "ATP-dependent leukotriene export from mastocytoma cells", <i>Febs Letters</i> , Feb. 1991, Vol. 279(1), pp. 83-86.
g	CS	Leier, Jedlitschky, Buchholz, Cole, Deeley and Keppler, "The MRP Gene Encodes an ATP-dependent Export Pump for Leukotriene C ₄ and Structurally Related Conjugates", <i>The Journal of Biological Chemistry</i> , November 11, 1994, Vol. 269(45), pp. 27807-27810.
g	CT	Jedlitschky, Leier, Buchholz, Barnouin, Center and Keppler, "ATP-dependent glutathione conjugate transport in HL60 cells overexpressing the multidrug resistance associated protein (MRP)", <i>Anticancer Drugs</i> , Sept. 1994, Vol. 5(Suppl. 1), p.4.

Examiner

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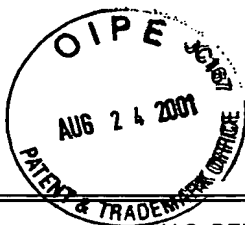


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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	DR	Jedlitschky, Leier, Buchholz, Barnouin, Kurz and Keppler, "Transport of Glutathione, Glucuronate, and Sulfate Conjugates by the MRP Gene-encoded Conjugate Export Pump", <i>Cancer Research</i> , March 1, 1996, Vol 56(5), pp.988-994.					
	DS	Leier, Jedlitschky, Buchholz, Center, Cole, Deeley and Keppler, "ATP-dependent glutathione disulphide transport mediated by the MRP gene-encoded conjugate export pump", <i>Biochem. J.</i> , March 1, 1996, Vol.314(2), pp. 433-437.					
	DT	Müller, Meijer, Zaman, Borst, Scheper, Mulder, E. De Vries and Jansen, "Overexpression of the gene encoding the multidrug resistance-associated protein results in increased ATP-dependent glutathione S-conjugate transport", <i>Proc. Natnl. Acad. Sci. USA</i> , December 1994, Vol. 91, pp. 13033-13037.					
Examiner					Date Considered 11/15/01		
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	EL						
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	EN						
	EO						
	EP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	ER	Broxterman, Giuseppe, Giaccone and Lankelma, "Multidrug resistance proteins and other drug transport-related resistance to natural product agents", <i>Current Opinion in Oncology</i> , November 1995, Vol. 7(6), pp. 532-540.
	ES	Gekeler, Ise, Sanders, Ulrich and Beck, "The Leukotriene Ltd4 Receptor Antagonist MK571 Specifically Modulates MRP Associated Multidrug Resistance", <i>Biochemical and Biophysical Research Communications</i> , March 8, 1995, Vol. 208(1), pp. 345-352.
	ET	Sugawara, Arai, Yamashita, Yoshida, Masunaga and Itoyama, "Expression of multidrug resistance-associated protein (MRP) in anaplastic carcinoma of the thyroid", <i>Cancer Letters</i> , 1994, Vol 82, pp. 185-188.

Examiner

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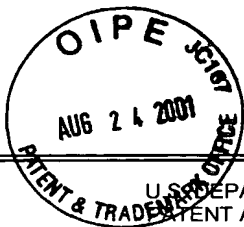
	FR	Burger, Nooter, Zaman, Sonneveld, van Wingerden, Oostrum and Stoter, "Expression of the Multidrug Resistance-Associated Protein (MPR) in Acute and Chronic Leukemias", <i>LEUKEMIA</i> , June 1994, Vol 8(6), pp. 990-997.
	FS	Schneider, Cowan, Bader, Toomey, Schwartz, Karp, Burke and Kaufmann, "Increased Expression of the Multidrug Resistance-Associated Protein Gene in Relapsed Acute Leukemia", <i>Blood</i> , 1995, Vol. 85, pp. 186-193.
	FT	Schadendorf, Makki, Stahr, van Dyck, Wanner, Scheffer, Flens, Scheper and Henz, "Membrane Transport Proteins Associated with Drug Resistance Expressed in Human Melanoma", <i>American Journal of Pathology</i> , December 1995, Vol. 147(6), pp. 1545-1552.

Examiner

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	GL						
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	GP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	GR	Cole, Bhardwaj, Gerlach, Mackie, Grant, Almquist, Stewart, Kurz, Duncan and Deeley, "Overexpression of a Transporter Gene in a Multidrug-Resistant Human Lung Cancer Cell Line",					
		SCIENCE, December 4, 1992, Vol 258, pp. 1650-1654.					
	GS	Jedlitschky, Leier, Buchholz, Center and Keppler, "ATP-dependent Transport of Glutathione S-Conjugates by the Multidrug Resistance-associated Protein",					
		Cancer Research, Sept. 15, 1994, Vol. 54, pp. 4833-4836.					
	GT						
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